brother

TZe TAPE

P-touch®
ELECTRONIC LABELING SYSTEM

PT-D200
User's Guide

English
Español

With your PT-D200, you can create labels for multiple applications. Select from the many frames, character sizes and styles to design beautiful custom labels. In addition, the variety of tape cartridges available allows you to print labels with different widths and exciting colors.

Read this manual carefully before starting and keep the manual in a handy place for future reference.

Safety Precautions

⚠WARNING
Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injuries.

Follow these guidelines to avoid the risk of fire, burns, injury, electric shocks, rupture, overheating, abnormal odours or smoke.

- Always use the specified voltage and the suggested AC adapter (AD-24ES) for the P-touch labeler to prevent any damage or failure.
- Do not touch the P-touch labeler during a lightning storm.
- Do not use the P-touch labeler in high humidity such as bathrooms.
- Do not overload the power cord.
- Do not place heavy objects on, or damage the power cord or plug. Do not forcibly bend or pull the power cord. Always hold the AC adapter when disconnecting from the power outlet.
- Make sure that the plug is fully inserted to the power outlet. Do not use an outlet that is loose.
- Do not allow the P-touch labeler/AC adapter/power plug/batteries to get wet, for example, by handling them with wet hands or spilling beverages on to them.
- Since loss of eyesight may result when leaked fluid from batteries gets into your eyes, immediately rinse your eyes with a large amount of clean water, and then seek medical attention.
- Do not disassemble or modify the P-touch labeler/AC adapter/batteries.
- Do not allow a metal object to contact both the plus and minus ends of a battery.
- Do not use sharp objects, such as tweezers or a metallic pen, to change the batteries.
- Do not throw the batteries into fire or expose to heat.
- Disconnect the AC adapter and remove batteries immediately and stop using the P-touch labeler if you notice abnormal odor, heat, discoloration, deformation or anything unusual while using or storing it.
- Do not use a damaged or leaking battery as the fluid may get on your hands.
- Do not use a deformed or leaking battery or one whose label is damaged. There is a possibility of generating heat.

⚠CAUTION
Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injuries.

Follow these guidelines to avoid personal injury, liquid leakage, burns or heat.

- When the P-touch labeler is not being used, store it out of the reach of children. In addition, do not allow children to put the P-touch labeler parts or labels in their mouths. If any object has been swallowed, seek medical attention.
- Do not touch metal parts around the print head immediately after printing.
- Do not touch the cutter blade.
- If leaked fluid from batteries gets on your skin or clothes, immediately rinse them with clean water.
- Remove the batteries and disconnect the AC adapter if you do not intend to use the P-touch labeler.
- Do not use a battery other than that specified. Do not use combinations of old and new batteries or combinations of different types, different charging levels, different manufacturers or different models. Do not insert a battery with its plus and minus ends reversed.
- Do not drop or hit the P-touch labeler/AC adapter.
- Do not press on the LCD display.
- Do not put your finger inside the P-touch labeler when you close the cassette cover.
- Before using Ni-MH rechargeable batteries, carefully read the instructions for the batteries and battery charger, and be sure to use them correctly.
- When using Ni-MH rechargeable batteries, charge the batteries with a specialized battery charger before using the batteries.

General Precautions

- Depending on the location, material, and environmental conditions, the label may unpeel or become irremovable, the color of the label may change or be transferred to other objects. Before applying the label, check the environmental conditions and the material.
- Do not use the P-touch labeler in any way or for any purpose not described in this guide. Doing so may result in accidents or damage the P-touch labeler.
- Use only Brother TZe tapes with the P-touch labeler. Do not use tapes that do not have the **TZe** mark.
- Only use a soft, dry cloth to clean the labeler; never use alcohol or other organic solvents.
- Use a soft wipe to clean the print head; never touch the print head.
- Do not put any foreign objects into the tape exit slot or AC adapter connector or battery compartment, etc.

- Do not place the P-touch labeler/batteries/AC adapter in direct sunlight or rain, near heaters or other hot appliances, in any location exposed to extremely high or low temperatures (e.g., on the dashboard or in the back of your car) or high humidity, or in dusty locations.
- Do not apply excessive pressure to the cutter lever.
- Do not try to print if the cassette is empty; it will damage the print head.
- Do not pull the tape while printing or feeding; it will damage the tape and the P-touch labeler.
- The P-touch labeler is not equipped with a charging feature for rechargeable batteries.
- The printed text may differ from the text that appears in the LCD.
- The length of the printed label may differ from the displayed label length.
- A protective clear plastic sticker is placed over the display during manufacturing and shipping. This sticker should be removed prior to use.
- Any data stored in memory will be lost due to failure or repair of the P-touch labeler, or if the battery expires.
- When power is disconnected for more than three minutes, all text, format settings and any text files stored in the memory will be cleared.

FCC NOTICE
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
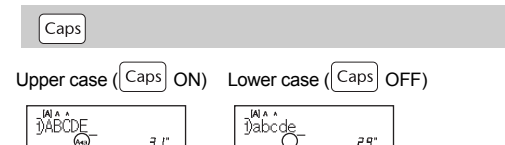- Consult the dealer or an experienced radio/TV technician for help.

Important
- Changes or modifications not expressly approved by Brother Industries, Ltd. could void the user's authority to operate the equipment.
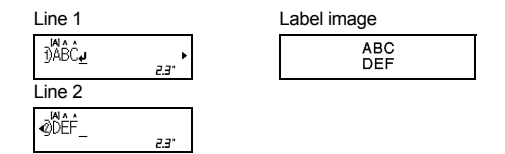

Power Supply and Tape Cassette

1

Cassette cover
Print head
Tape cutter lever

Open the cassette cover by pressing the above indicated area at the top end of the machine.

If a tape cassette is already installed, remove it by pulling it straight up. Also, if batteries are already installed, remove them.
- Make sure that the power is turned off when replacing batteries or tape cassettes.

2

Insert six new AAA alkaline batteries (LR03) or fully charged Ni-MH batteries (HR03), making sure that their poles point in the correct directions.
Users of alkaline batteries:
Always replace all six batteries at the same time with brand new ones.
Users of Ni-MH batteries:
Always replace all six batteries at the same time with fully charged ones.

● NOTE
Visit us at http://solutions.brother.com/ for the latest information about the recommended batteries.

3

End of tape
Toothed Wheel
Cutter's edge
Tape guide
Tape exit slot

Insert a tape cassette, making sure that it snaps into place.
- Make sure that the end of the tape feeds under the tape guides.
- Use only Brother TZe tapes with this machine.

4

AC adapter jack

Securely close the cassette cover, making sure that it snaps into place.

● NOTE
When using optional AC adapter (AD-24ES)
1. Insert the plug on the adapter cord into the AC adapter jack on the top end of the machine.
2. Insert the plug into the nearest standard electrical outlet. For memory back up, we recommend using AAA alkaline batteries (LR03) or Ni-MH batteries (HR03) together when using the AC adapter.

LCD Display & Keyboard

1.	Size	12.	Power key
2.	Cursor	13.	Menu key
3.	Underline/Frame	14.	Font key
4.	Width	15.	Character key
5.	Style	16.	Tab key
6.	Caps	17.	Caps key
7.	Label Length	18.	Shift key
	If a specific label length has been selected, 🔒 also appears in the LCD.	19.	File key
		20.	Print key
8.	Cursor key : Right (Use with Shift key to go to end of the text.)	21.	Preview key
		22.	Frame key
9.	OK key	23.	Symbol key
10.	Escape key	24.	DECO MODE key
11.	Cursor key : Left (Use with Shift key to go to top of the text.)	25.	Backspace key
		26.	Enter key
		27.	Accent key
		28.	Space key

● NOTE
- The LCD shows one row of 15 characters; however, the text that you enter can be up to 80 characters in length.
- While selecting the settings, press Space key to go back to the default item.
- The print preview is a generated image of the label, and may differ from the actual label when printed.
- Label length shown on LCD may slightly differ from the actual label length when printed.

Specifications

Dimensions: (W × D × H)	Approx. 6.49" × 6.10" × 2.67" (Approx. 165(W) × 155(D) × 68(H)mm)
Weight:	Approx. 1.08 lb. (Approx. 490 g) (without batteries and tape cassette)
Power supply:	Six AAA alkaline batteries (LR03) Six AAA Ni-MH batteries (HR03)*[1] Optional AC adapter (AD-24ES)
Tape cassette:	Brother TZe tape (width) 0.13" (3.5mm), 0.23" (6mm), 0.35" (9mm), 0.47" (12mm)

*[1] Visit us at http://solutions.brother.com/ for the latest information about the recommended batteries.

Initial Settings

1 Start your machine.
Supply power by using six AAA batteries or the optional AC adapter (AD-24ES), and then press ⏻.

2 Set the language.
The default setting is [English].

Menu → ◁/▷ [Language] OK → ◁/▷ [English/Español/Français/Hrvatski/Italiano/Magyar/Nederlands/Norsk/Polski/Português/Portug. (BR)/Română/Slovenski/Slovenský/Suomi/Svenska/Türkçe/Čeština/Dansk/Deutsch] OK .

3 Set the unit of measurement.
The default setting is [inch].

Menu → ◁/▷ [Unit] OK → ◁/▷ [inch/mm] OK .

● NOTE
- The machine automatically turns off if no keys are pressed within five minutes.
- To cancel any operation, press Esc .

Troubleshooting

▶ Error message

Message	Cause/Remedy
Low Battery!	The batteries are weak. If using AAA alkaline batteries: Replace them with new ones. If using Ni-MH batteries: Charge them fully.
Battery Dead	The installed batteries are running low.
Invalid!	- There is no text above the cursor when you selected [Numbering]. - Invalid character is selected for [Numbering]. - Invalid number is selected for [Tab Length] or [Label Length]. - An invalid value was entered as the label length while using the DECO MODE or Name Label function.
No Text!	- You tried to print a text file when there is no data stored in the memory. - 🔒 is pressed when no text is entered. - You tried to select [Numbering], [Mirror], or Text Preview when no text is entered. - OK or Enter was pressed when no text was entered while using the DECO MODE or Name Label function.
Line Limit!	- You tried to enter a 3rd line by pressing Enter . - You tried to print or preview two lines of text while 0.13" (3.5mm) or 0.23" (6 mm) tape is installed. Install tape of a larger size.

▶ What to do when...

Message	Cause/Remedy
No Cassette!	You tried to print a label when there is no cassette installed.
Cutter Error	Tape cutter lever is used in the middle of printing process.
Text Full!	The maximum number of characters (80 characters, 50 characters for DECO MODE or Name Label function) have already been entered.
Text Limit!	With the DECO MODE or Name Label function: Since the number of entered characters exceeds the label length, reduce the text. All other functions: Since the number of entered characters exceeds the label length, reduce the text, or select [Auto] as the label length.
No Frame OK?	Printing on 0.13" (3.5mm) tape with invalid Frame setting ON. (Select OK to print with no Frame, Esc to cancel.)
OK to Feed?	Feeding tape after printing when [Chain Print] is selected. Refer to "Setting Margin".
Insert 0.47"	Only 0.47"(12mm) tape cassette is available for DECO MODE or Name Label function.
Wrong Tape!	Use a tape cassette with the **TZe** mark.

Problem	Solution
The display stays blank after you have turned on the machine.	- Check that the batteries are correctly inserted. - If the batteries are weak, replace them. - Check that the AD-24ES adapter is correctly connected.
When the label is printed out, there is too much margin (space) on both sides of the text.	- See "Setting Margin" in this users guide and select [Half] or [Narrow] to have smaller margins for your label.
The machine does not print, or the printed characters are not formed properly.	- Check that the tape cassette has been inserted correctly. - If the tape cassette is empty, replace it. - Check the cassette cover is properly closed.
The setting has cleared on its own.	- The batteries may be weak. Replace them. - When power is disconnected for more than three minutes, all text & formats in the display will be lost. Language and Unit settings will also be cleared.
A blank horizontal line appears through the printed label.	- There may be some dust on the print head. Remove the tape cassette and use a dry cotton swab to gently wipe the print head with an up-and-down motion.

Problem	Solution
The machine has "locked up" (i.e., nothing happens when a key is pressed, even though the machine is on.)	- Refer to "Resetting the P-touch".
The power turns off when you try to print.	- The batteries may be weak. Replace them. - Check that the batteries are correctly inserted. - A wrong adapter is used; the recommended adapter is the AD-24ES.
The tape does not feed properly or the tape gets stuck inside the machine.	- Check that the end of the tape feeds under the tape guides. - The cutter lever is used while printing. Do not touch the cutter lever during printing.
All text and format settings need to be cleared to create a new label.	- Press ⇧Shift + ⌫ and select [Text&Format].
To change language setting.	- Refer to "Initial Settings".

BASIC USAGE

Entering Text

▶ Switching Upper Case/Lower Case

Caps

Upper case Caps ON   Lower case Caps OFF

▶ Making Two Lines of Text
Move the cursor to where the second line starts and press Enter. Use either 0.35" (9mm) or 0.47" (12mm) wide tape for two line text.
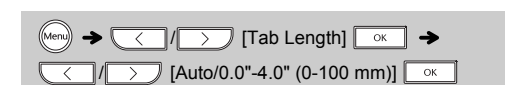
Line 1 / Line 2   Label image ABC DEF

● NOTE
- The return symbol (↵) will be displayed when the Enter key is pressed.

▶ Entering Tab

Menu → ◁/▷ [Tab] OK

- You can also set a tab by pressing Tab .
To change tab length:

Menu → ◁/▷ [Tab Length] OK → ◁/▷ [Auto/0.0"-4.0" (0-100 mm)] OK .

▶ Entering Accented Characters

A - Z → Accent Accent / ◁/▷ OK

- Refer to the table of accented characters (B) on the enclosed insertion sheet for a list of available accented characters.
- To cancel operations, press Esc .
- The order of accented characters differs by the selected LCD language.

▶ Changing Label Length

Menu → ◁/▷ [Label Length] OK → ◁/▷ [Auto/1.2"-12.0" (30-300 mm)] OK
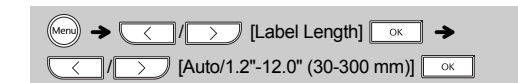
● NOTE
- After the label is printed, cut along the printed dots (:) with scissors so that the label length matches the machine setting.
- If a specific label length has been selected, 🔒 also appears in the LCD.

▶ To Clear
By pressing ⌫, the letters will be deleted one by one.
To delete all text and settings :

⇧Shift + ⌫ → ◁/▷ [Text&Format] OK

To delete text only :

⇧Shift + ⌫ → ◁/▷ [Text Only] OK

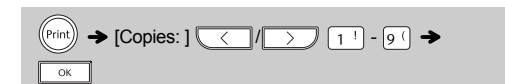### Printing Labels

▶ Preview
You can preview the text before printing.

- The print preview is a generated image of the label, and may differ from the actual label when printed.
- When the LCD cannot display all the text at a time, press ◁/▷ to display the hidden text.

▶ Feeding (Tape Feed)

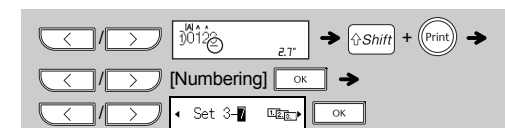⇧Shift + ⊙

▶ Printing

Print → [Copies:] ◁/▷ 1↑-9↓ OK

- If you need only 1 copy of the label, press OK without selecting the number of copies.
- The number of copies can also be specified by pressing a number key.
- To prevent damage to the tape, do not touch the cutter lever while the message "Printing..." or "Feeding..." is displayed.
- To cut off the label, push in the tape cutter lever on the upper-right corner of the machine.
- To remove the backing, fold the label lengthwise with the text facing inward, to expose the inside edges of the backing. Peel off the backing one piece at a time and apply.
- You can print up to 9 copies of each label.

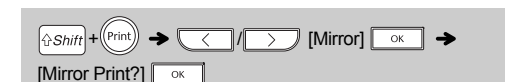#### ▶ Using Print Options (⇧Shift + Print)

[Numbering]
You can print many copies of the same text while increasing a selected number by 1 after each label is printed.
Example: To print copies of a label containing a serial number (0123, 0124 and 0125)

◁/▷ 0↑-9↓ → ⇧Shift + Print
[Numbering] OK
◁/▷ Set 3⇲ OK

- Select the highest number you wish to be printed when setting the number.

[Mirror]

⇧Shift + Print → ◁/▷ [Mirror] OK
[Mirror Print?] OK

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- Use clear tape in [Mirror], so the labels can be read correctly from the opposite side when attached on glass, windows or other transparent surfaces.

▶ Setting Margin (Menu + 2²)

Menu → ◁/▷ [Margin] OK → ◁/▷ [Full/Half/Narrow/Chain Print] OK

[Full]/[Half]/[Narrow]
For leaving equal margins on both sides of the text.

Full / Half / Narrow

[Chain Print]
For creating a label containing text in various styles.
1. Enter text.
2. Press Print, then [Copies:] appears.
3. Press ◁/▷ or enter number with number keys to select the number of copies.
4. Press OK. Printing will start, and then the message "OK to Feed?" appears.
5. Press Esc to enter more text.
6. Clear the text, enter the text for the next label, and then press Print.
7. When the message "OK to Feed?" appears after the last label is printed, press ◁/▷.
8. After the tape is fed, press the cutter lever to cut off the chain of labels.

● NOTE
- When [Chain Print] is set, feed the tape before using the cutter otherwise a part of the text may be cut off. Also, cut along the printed dots (:) with scissors so the text is centered in the label.
- When [Half] or [Narrow] is set, displayed label length is the length from the printed dots (:) to the end of the label.

	LCD display	Label image
Full		ABC
Half		ABC
Narrow		ABC

- To print more than 1 copy of a label with minimum margin, set the margin to [Narrow].
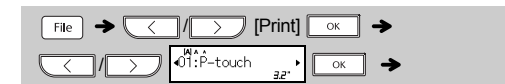- Do not pull the tape since this may damage the tape cassette.

Saving Label Files

You can save up to 30 labels and recall them for printing at a later date. A maximum of 80 characters can be saved per file, a maximum total of 2400 characters for the total memory. You can also edit and overwrite the stored label.

▶ Save

File → ◁/▷ [Save] OK → ◁/▷ OK

▶ Print

File → ◁/▷ [Print] OK → ◁/▷ P-touch OK
[Copies:] ◁/▷ 1↑-9↓ OK

▶ Open

File → ◁/▷ [Open] OK → ◁/▷ P-touch OK
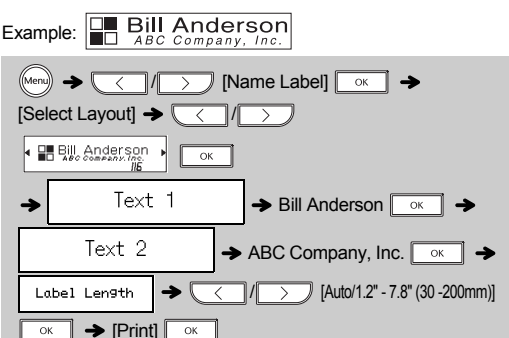
- You can also enter the File menu by pressing Menu ◁/▷ 4³ .

● NOTE
If you try to store a label when there is already a label stored to that number, a message "Overwrite?" will appear. Press OK to save your new label. Press Esc to cancel.

Accessories

Tape Cassettes: See the included "Supplies and Accessories Guide".
AC Adapter: AD-24ES
Cutter Unit: TC-4 (replacement)

If the cutter blade becomes blunt after repetitive use and the tape cannot be cut cleanly, replace with new cutter unit (stock no. TC-4) by obtaining from an authorized Brother reseller.

▶ Replacing the Cutter Unit
1. Pull out the two sections of the cutter unit (green) in the direction of the arrows shown in the illustration.

2. Install a new cutter unit. Push in it until it snaps into place.

⚠ Do not touch the cutter blade directly with your fingers.

USING TEMPLATES

Name Label
This function allows you to create various name labels using the built-in templates. Refer to the Name Label format table (D) on the enclosed insertion sheet.

Example:

[Select Layout] → ◁/▷ [Name Label]
[Select Layout] → OK
Bill Anderson OK
[Input Text] → ABCDEF OK → Label Length
Text 1 → Bill Anderson OK
Text 2 → ABC Company, Inc. OK
Label Length ◁/▷ OK [Auto/1.2"-7.8"(30-200mm)] OK
OK → [Print] OK

● NOTE
- Depending on the format you have selected, the entire contents of your text may not be printed. For example, if you selected a fixed Label Length and the text is too long, an error message "Text Limit!" will appear.
- The templates cannot be edited.
- Only the highlighted symbols on the enclosed insertion sheet can be used in DECO MODE.
- To clear all text, press ⇧Shift and ⌫, then "Clear?" appears.
  Press OK to clear. Press Esc to cancel.
- When you access DECO MODE or Name Label function, your most recently printed DECO MODE or Name Label function text and label length will be recalled.
- Press Esc to return to the previous step.

DECO MODE
This function allows you to create unique labels by using built-in templates. Refer to the DECO MODE format table (C) on the enclosed insertion sheet.

Example:

→ [Select Layout] →
◁/▷ AₐBᵦCₑCₒ OK →
[Input Text] → ABCDEF OK → Label Length
◁/▷ [Auto/1.2"-7.8"(30-200mm)] OK →
[Print] OK

● NOTE
- To exit the DECO MODE or Name Label function and return to the text input screen, do one of the following:
  a) Press Esc .
  b) Press ◁/▷ to select [Cancel], and then press OK when "Print" appears.
- These features are only available when using 0.47" (12mm) wide tape cassettes.
- The maximum label length is 7.8" (200mm) for DECO MODE and Name Label function.
- When [Auto] is selected for "Label Length", the label will automatically adjust to the correct length for printing the text one time.
- Press Space to return to the [Auto] setting for "Label Length" mode.

USEFUL FUNCTION KEYS

Font Key Font

1 Press Font to select the settings to enter the text.

Font → ◁/▷ Select an item OK

2 Press ◁/▷ to select the settings.

Font	Helsinki	A 1
	Brussels	A 1
	US	A 1
	Florida	A 1
	Belgium	A 1
	San Diego	A 1
	Los Angeles	A 1
	Calgary	A 1
	HEL + Atlanta *	A 1
	HEL + Adams *	A 1
	HEL + Brunei *	A 1
	HEL + Istanbul *	A 1
	HEL + Sofia *	A 1
	HEL + Germany *	A 1
Size	Large	A
	Medium	A
	Small	A
Width	Normal	A
	× 2	A
	× 1/2	A
Style	Normal	A
	Bold	A
	Outline	A
	Shadow	A
	Solid	A
	Italic	A
	I+Bold	A
	I+Outline	A
	I+Shadow	A
	Vertical	A

* When [HEL + Atlanta], for example, is selected, the font for characters, including accented characters, will be Helsinki, and the font for numbers and some symbols will be Atlanta. Other combined fonts will be divided in the same way.

● NOTE
- To cancel operations, press Esc .
- Refer to the font sample table (F) on the enclosed insertion sheet.
- The actual printed font size depends on the tape width, number of characters and number of input lines. Once characters reach a minimum size, the selected font will default to a custom font which is based on the Helsinki style. This allows labels to print using the smallest text possible on narrow or multi-line labels.

Frame Key Frame

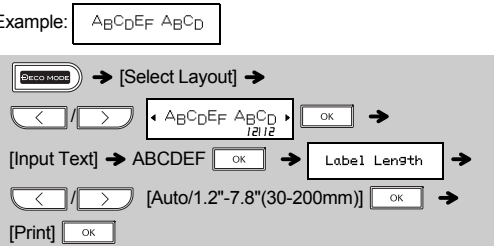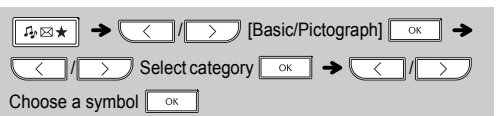Press Frame to select the frame design. Refer to the frame design table (E) on the enclosed insertion sheet.

Frame → ◁/▷ Select a frame OK

● NOTE
To cancel operations, press Esc .

Symbol Key

Press ☆ to select various symbols. Refer to the table of symbols (A) on the enclosed insertion sheet for a list of available symbols.

☆ → ◁/▷ [Basic/Pictograph] OK → ◁/▷ Select category OK
Choose a symbol ◁/▷ OK

● NOTE
To cancel operations, press Esc .

Short Cut Keys

Language	Menu → Space	🏳
Label Length	Menu → 1¹	
Margin	Menu → 2²	
Name Label	Menu → 3³	ABC
File	Menu → 4³	📁
Tab	Menu → 5⁴	
Tab Length	Menu → 6⁵	
Clear	Menu → ⌫	A📧
Unit	Menu → 7⁶	

Resetting the P-touch

You can reset the P-touch labeler when you want to initialize the settings, or in the event the P-touch labeler is not working properly.

1 Turn off the P-touch labeler, hold down ⇧Shift and R and then press ⏻ to turn the P-touch back on.

2 Release ⇧Shift and R .
The P-touch labeler turns on with the internal memory reset.

● NOTE
All text, settings and stored files are cleared.

Declaration of Conformity
(Europe/Turkey only)
We, BROTHER INDUSTRIES, LTD
15-1, Naeshiro-cho, Mizuho-ku,
Nagoya, 467-8561, Japan
declare that this product is in compliance with the essential requirements and other relevant provisions of Directives 2004/108/EC and 2009/125/EC.
The Adapter AD-24ES is in compliance with the essential requirements and other relevant provisions of Directive 2006/95/EC.
The Declaration of Conformity (DoC) is on our Web site. Please go to http://solutions.brother.com -> choose region (eg. Europe) -> choose country -> choose your model -> choose "Manuals"-> choose Declaration of Conformity (*Select Language when required).